

## Message Text

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43

ACTION ARA-20

INFO OCT-01 EUR-25 ISO-00 AID-20 CEQ-02 CIAE-00 COA-02

COME-00 DODE-00 EB-11 EPA-04 INR-11 IO-14 L-03 NSF-04

NSC-07 NSAE-00 PM-07 RSC-01 SCI-06 SS-20 SP-03

FEAE-00 AGR-20 DRC-01 /182 W  
----- 003412

R 122257Z SEP 74

FM AMEMBASSY MEXICO  
TO SECSTATE WASHDC 3784  
INFO AMEMBASSY PARIS

UNCLAS MEXICO 7788

E.O. 11652: N/A

TAGS: TECHN TGEN

SUBJECT: SOLAR ENERGY: MEXICO INAUGURATES PILOT WATER PLANT  
IN SONORAN DESERT

1. ON SEPTEMBER 9 AT CABORCA, SONORA, MEXICO INAUGURATED A PILOT PLANT USING SOLAR ENERGY TO EXTRACT POTABLE WATER FROM THE SUBSOIL. HYDRAULIC RESOURCES (SRH) SECRETARY ROVIROSA WADE AND UNDERSECRETARY OF HEALTH FOR ENVIRONMENTAL IMPROVEMENT (SMA) VIZCAINO MURRAY OFFICIATED.

2. THE PROJECT, DUBBED QUOTE OPERATION TONATIUH UNQUOTE, AFTER THE AZTEC SUN GOD, IS A JOINT SRH/SMA ENDEAVOR. THE PLANT WAS DESIGNED AND DEVELOPED BY FRENCH EXPERTS, WHO ENVISION OPERATIONS OF FAR GREATER CAPACITY, WITH COMPONENTS MANUFACTURED IN MEXICO. PRESENT PLANT PROVIDES 40,000 LITERS PER DAY.

3. PLANS FOR SIMILAR PLANTS ARE ON THE BOARDS FOR CEBALLOS, DURANGO; VETA GRANDE, ZACATECAS; CEDRAL, SAN LUIS POTOSI; BOLONCHEN AND CANCU, QUINTANA ROO; AND OTHER AREAS INCLUDING THE STATE OF CHICHUAHUA AND MEXICO, AND THE FEDERAL DISTRICT, WHERE THE ESSENTIAL REQUIREMENTS OF CLOUDLESS DAYS 80 O/O OF THE YEAR EXIST.

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4. THIS IS REPUTEDLY THE FIRST SUCH PLANT IN LATIN AMERICA.  
ITS EXACT LOCATION IS AT THE EJIDO RANCHO BAHIA SOME 12 MILES  
FROM CABORCA ON THE FRINGE OF THE GREAT SONORA DESERT.  
BRANDIN

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** SOLAR ENERGY, CONSTRUCTION, WATER SUPPLY SYSTEM, WATERWORKS, INDUSTRIAL PLANTS, PROGRAMS (PROJECTS)  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 12 SEP 1974  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Authority:** n/a  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01 JAN 1960  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1974MEXICO07788  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Film Number:** D740256-0713  
**From:** MEXICO  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1974/newtext/t19740952/aaaabrww.tel  
**Line Count:** 65  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Office:** ACTION ARA  
**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:**  
**Previous Classification:** n/a  
**Previous Handling Restrictions:** n/a  
**Reference:** n/a  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** WorrelSW  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 26 JUN 2002  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <26 JUN 2002 by maustmc>; APPROVED <31 JAN 2003 by WorrelSW>  
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EO Systematic Review  
30 JUN 2005

**Review Media Identifier:**  
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**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** SOLAR ENERGY: MEXICO INAUGURATES PILOT WATER PLANT IN SONORAN DESERT  
**TAGS:** TECH, TGEN, MX, (WADE, ROVIROSA), (MURRAY, VIZCAINO)  
**To:** STATE  
**Type:** TE  
**Markings:** Declassified/Released US Department of State EO Systematic Review 30 JUN 2005